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noble energy

October 26, 2018

Administrator
Colorado Department of Public Health and Environment
Air Pollution Control Division
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Doug Benevento, Regional Administrator
U.S. EPA Region 8
1595 Wynkoop Street
Mailcode: R08
Denver, Colorado 80202-1129

RE: NSPS OOOOa Annual Report
Reporting Period: August 2, 2017 through August 1, 2018
Noble Energy Inc.
Greely, Colorado

To Whom It May Concern:

As required by 40 CFR §60.5420a(b) of the federal New Source Performance Standards Subpart OOOOa - Standards of Performance for Crude Oil and Natural Gas Facilities For Which Construction, Modification or Reconstruction Commenced After September 18, 2015 (NSPS OOOOa), Noble Energy Inc. (Noble Energy) hereby submits the Annual Report for its onshore production assets located in Weld County in Colorado covering the reporting period of August 2, 2017 through August 2, 2018.

No deviations are reported in this submission.

Please find attached a signed certification and Annual Report.

Please do not hesitate to contact me at 720-987-8065 or gregg.wurtz@nblenergy.com if you should have any questions.

Sincerely,

(b) (6) [redacted]

Gregg Wurtz
Air Quality Compliance Manager
Noble Energy Inc.
Greely, Colorado

Cc:
Susan Gomez, Noble Energy Inc.
Mark Patteson, Noble Energy Inc.

I. General Information [§60.5420(b)(1)]

Company Name:	Noble Energy, Inc.
Address:	1625 Broadway Denver, Colorado 80202
Assets Covered:	Sites in Weld County

Affected Facilities:	Included in this Report?
Gas wells [§60.5365a(a)]	Yes
Centrifugal compressors [§60.5365a(b)]	No
Reciprocating compressors [§60.5365a(c)]	No
Pneumatic controllers [§60.5365a(d)]	No
Storage vessels [§60.5365a(e)]	No
The group of all equipment within a process unit at onshore natural gas processing plant [§60.5365a(f)]	No
Sweetening units at onshore natural gas processing plants [§60.5365a(g)]	No
Each pneumatic pump [§60.5365a(h)]	No
Collection of fugitive emissions components at a well site [§60.5365a(i)]	Yes
Collection of fugitive emissions components at a compressor station [§60.5365a(j)]	No

Reporting Period Start:	08/02/2017
Reporting Period End:	08/02/2018

Responsible Official Certification Statement
Based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Mr. Mark Patteson Vice President, DJ Basin	(b) (6) [redacted]	10/23/2018
Responsible Official Name and Title (Printed)	Responsible Official Signature	Date

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iv) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

	SITE INFORMATION										ALTERNATIVE ADDRESS INFORMATION (IF NO PHYSICAL ADDRESS AVAILABLE FOR SITE *)			REPORTING INFORMATION		PE Certification	ADDITIONAL INFORMATION	
Facility Record No. * **(Field value will automatically generate if a value is not entered.)**	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility, if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	Address 2	City *	County *	State Abbreviation *	Zip Code *	Responsible Agency Facility ID (State Facility Identifier)	Description of Site Location (§60.5420a(b)(1)(i))	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12)) Please provide only one file per record.	Please enter any additional information.	Enter associated file name reference.
	e.g.: ABC Company	e.g.: XYZ Compressor Station	e.g.: 12-345-67890-12	e.g.: 123 Main Street	e.g.: Suite 100	e.g.: Brooklyn	e.g.: Kings County	e.g.: NY	e.g.: 11221		e.g.: 7 miles NE of the intersection of Hwy 123 and Hwy 456	e.g.: 34.12345	e.g.: -101.12345	e.g.: 01/01/2016	e.g.: 06/30/2016	e.g.: Certification.pdf **or** XYZCompressorStation.pdf		e.g.: addlinfo.zip **or** XYZCompressorStation .pdf
Noble Energy, Inc.	Noble Energy, Inc.	Assets in Weld County, CO	See attached	1625 Broadway	Suite 2200	Denver	Denver	CO	80202					8/2/2017	8/2/2018	Not applicable		

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each well affected facility, an owner or operator must include the information specified in paragraphs (b)(2)(i) through (iii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

			§60.5432a Low Pressure Wells	All Well Completions	Well Affected Facilities Required to Comply with §60.5375a(a) and §								
Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
	e.g.: 12-345-67890-12	e.g.: On October 12, 2016, a separator was not onsite for the first 3 hours of the flowback period	e.g.: lowpressure.pdf or XYZCompressorStation.pdf	e.g.: Completion ABC	e.g.: 34.12345 latitude, -101.12345 longitude	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.
RINGO FEDERAL LC23-725	05-123-42947	None	N/A	435865745	(b) (9)	7/31/2017	7:30 AM	8/7/2017	6:00 PM	8/1/2017 8/2/2017	3:00 PM 5:30 PM	8/9/2017	9:00 AM
EARP FEDERAL LC23-735	05-123-42941	None	N/A	435865741		8/15/2017	7:00 AM	8/15/2017	2:00 PM	N/A	N/A	8/17/2017	9:30 PM
EARP FEDERAL LC23-740	05-123-42942	None	N/A	435865739		8/15/2017	7:00 AM	8/15/2017	2:00 PM	N/A	N/A	8/17/2017	9:30 PM
WELLS RANCH STATE AA33-718	05-123-43877	None	N/A	435892262		9/9/2017	8:00 PM	9/10/2017	5:00 AM	N/A	N/A	9/12/2017	10:00 AM
WELLS RANCH STATE AA33-725	05-123-43917	None	N/A	435892260		9/9/2017	8:00 PM	9/10/2017	4:00 AM	N/A	N/A	9/12/2017	10:00 AM
WELLS RANCH STATE AA33-735	05-123-43879	None	N/A	435892258		9/9/2017	8:00 PM	9/10/2017	4:00 AM	N/A	N/A	9/12/2017	10:00 AM
WELLS RANCH STATE AA33-744	05-123-43878	None	N/A	435892256		9/13/2017	11:00 PM	9/14/2017	5:00 AM	N/A	N/A	9/15/2017	11:30 AM
WELLS RANCH STATE AA33-750	05-123-43873	None	N/A	435892254		9/13/2017	11:00 PM	9/14/2017	5:00 AM	N/A	N/A	9/15/2017	10:30 AM
WELLS RANCH STATE AA33-755	05-123-43874	None	N/A	435892252		9/13/2017	11:00 PM	9/14/2017	5:45 AM	N/A	N/A	9/15/2017	6:00 AM
WELLS RANCH STATE AA33-766	05-123-43872	None	N/A	435892249		9/19/2017	10:00 PM	9/20/2017	6:00 AM	N/A	N/A	9/20/2017	2:45 PM
WELLS RANCH STATE AA33-775	05-123-43871	None	N/A	435892245		9/19/2017	10:00 PM	9/20/2017	6:00 AM	N/A	N/A	9/20/2017	2:45 PM
WELLS RANCH STATE AA33-785	05-123-43875	None	N/A	435892243		9/19/2017	10:00 PM	9/20/2017	8:00 AM	N/A	N/A	9/20/2017	2:45 PM
WELLS RANCH STATE AA33-790	05-123-43876	None	N/A	435892240		9/19/2017	10:00 PM	9/20/2017	8:00 AM	N/A	N/A	9/20/2017	2:45 PM
WELLS RANCH STATE BB05-678	05-123-43785	None	N/A	435894353		9/25/2017	6:00 AM	9/26/2017 10/1/2017	11:00 AM 11:00 PM	10/1/2017	7:00 PM	10/2/2017	1:00 PM
WELLS RANCH STATE BB05-685	05-123-43797	None	N/A	435894351		9/25/2017	6:00 AM	9/25/2017	10:00 AM	N/A	N/A	9/27/2017	10:00 AM
WELLS RANCH STATE BB05-690	05-123-43784	None	N/A	435894347		9/25/2017	6:00 AM	9/25/2017	10:00 AM	N/A	N/A	9/27/2017	10:00 AM
TOMBSTONE FEDERAL LC23-755	05-123-42953	None	N/A	435865733		9/27/2017	12:00 PM	9/27/2017	5:00 PM	N/A	N/A	9/29/2017	7:00 AM
TOMBSTONE FEDERAL LC23-760	05-123-42952	None	N/A	435865731		9/27/2017	12:00 PM	9/27/2017	5:00 PM	N/A	N/A	9/29/2017	9:30 AM
TOMBSTONE FEDERAL LC23-765	05-123-42951	None	N/A	435865728		9/27/2017	12:00 PM	9/27/2017	5:00 PM	N/A	N/A	9/29/2017	9:30 AM
WELLS RANCH STATE BB05-665	05-123-43778	None	N/A	435894359		10/10/2017	3:15 PM	10/10/2017	5:00 PM	N/A	N/A	10/11/2017	2:00 PM
WELLS RANCH STATE BB05-669	05-123-43779	None	N/A	435894357		10/10/2017	3:15 PM	10/10/2017	10:00 PM	N/A	N/A	10/11/2017	2:00 PM
WELLS RANCH STATE BB05-656	05-123-43780	None	N/A	435894361		10/12/2017	7:00 PM	10/13/2017	12:00 AM	N/A	N/A	10/13/2017	11:35 AM
WELLS RANCH STATE BB05-613	05-123-43800	None	N/A	435894376		10/16/2017	10:00 PM	10/18/2017	3:30 PM	N/A	N/A	10/19/2017	9:00 PM
WELLS RANCH STATE BB05-617	05-123-43801	None	N/A	435894374		10/16/2017	10:00 PM	10/18/2017	7:00 AM	N/A	N/A	10/19/2017	10:00 AM
WELLS RANCH STATE BB05-625	05-123-43801	None	N/A	435894374		10/16/2017	10:00 PM	10/17/2017	1:00 PM	N/A	N/A	10/18/2017	2:45 PM

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For each well affected facility, an own

The asterisk (*) next to each field indic

	60.5375a(f)						Exceptions Under §60.5375a(a)(3) - Technically Infeasible to Route to the Gas Flow Line or Collection System, Re-inject into a Well, Use as an Onsite Fuel Sou						
Facility Record No. * (Select from dropdown list - may need to scroll up)	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Specific Exception Claimed * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Starting Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Ending Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Why the Well Meets the Claimed Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Name of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Location of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
	e.g.: 5	e.g.: 5	e.g.: Used as onsite fuel	e.g.: 5	e.g.: 5	e.g: No onsite storage or combustion unit was available at the time of completion.	e.g.: 34.12345 latitude, -101.12345 longitude	e.g.: Technical infeasibility under 60.5375a(a)(3)	e.g.: 10/16/2016	e.g.: 10/18/2016	e.g.: As further described in this report, technical issues prevented the use of the gas for useful purposes.	e.g.: ABC Line	e.g.: 100 miles away at 34.12345 latitude, -101.12345 longitude
RINGO FEDERAL LC23-725	203	27	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	27	176	Initial flowback. Note: no measurable gas to surface during initial 83 hours.	[redacted] (b) (9)	Technical infeasibility under 60.5375 (a)(3).	8/7/2017	8/9/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
EARP FEDERAL LC23-735	62	55	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	55	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	8/15/2017	8/17/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
EARP FEDERAL LC23-740	62	55	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	55	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	8/15/2017	8/17/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-718	62	53	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	53	9	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/10/2017	9/12/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-725	62	54	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	54	8	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/10/2017	9/12/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-735	62	54	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	54	8	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/10/2017	9/12/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-744	36	30	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	30	6	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/14/2017	9/15/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-750	35	29	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	29	6	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/14/2017	9/15/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-755	31	24	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	24	6	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/14/2017	9/15/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-766	16	8	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	8	8	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/20/2017	9/20/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-775	16	8	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	8	8	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/20/2017	9/20/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-785	16	6	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	6	10	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/20/2017	4/29/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE AA33-790	16	6	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	6	10	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/20/2017	9/20/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-678	28	17	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	17	11	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/26/2017 10/1/2017	9/26/2017 10/2/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-685	52	48	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	48	4	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/25/2017	9/27/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-690	52	48	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	48	4	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/25/2017	9/27/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
TOMBSTONE FEDERAL LC23-755	43	38	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	38	5	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/27/2017	9/29/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
TOMBSTONE FEDERAL LC23-760	45	40	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	40	5	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/27/2017	9/29/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
TOMBSTONE FEDERAL LC23-765	45	40	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	40	5	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	9/27/2017	9/29/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-665	22	21	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	21	1	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/10/2017	10/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-669	22	16	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	16	6	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/10/2017	10/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-656	16	11	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	11	5	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/13/2017	10/13/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-613	71	29	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	29	41	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/18/2017	4/27/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-617	60	27	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	27	33	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/18/2017	4/25/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-625	56	55	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	55	15	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/17/2017	4/25/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site

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For each well affected facility, an ow

The asterisk (*) next to each field indi

rce, or Use for Another Useful Purpose Served By a Purchased Fuel or Raw Material

Well Affected Facilities Meeting the Criteria of §60.5375a(a)(1)(iii)(A) - Not Hydraulically Fractured/Refractured with Liquids or Do Not Generate Condensate, Interm

Facility Record No. * (Select from dropdown list - may need to scroll up)	Technical Considerations Preventing Routing to this Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Capture, Reinjection, and Reuse Technologies Considered * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Additional Reasons for Technical Infeasibility * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))
	e.g.: right of use	e.g.: on-site generators	e.g.: gas quality	e.g. gas quality	e.g. well damage or clean-up	e.g.: 34.12345 latitude, -101.12345 longitude	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 5	e.g.: 5	e.g.: 5	e.g: No onsite storage or combustion unit was available at the time of completion.
RINGO FEDERAL LC23-725	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EARP FEDERAL LC23-735	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EARP FEDERAL LC23-740	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-718	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-725	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-735	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-744	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-750	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-755	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-766	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-775	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-785	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-790	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-678	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-685	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-690	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOMBSTONE FEDERAL LC23-755	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOMBSTONE FEDERAL LC23-760	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOMBSTONE FEDERAL LC23-765	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-665	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-669	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-656	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-613	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-617	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-625	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

40 CFR Part 60 - Standards of Perform
For each well affected facility, an own

The asterisk (*) next to each field indi

	ıdiate Hydrocarbon Liquids, or Produced Water (No Liquid Collection System or Seperator Onsite)						Well Affected Facilities Required to Comply with Both §60.5375a(a)(1) and (3) Using a Digital Photo in lieu of Records Required by §60.5420a(c)(1)(i) through (iv)	Well Affected Facilities Meeting the Criteria of §60.5375a(g) - <300 scf of Gas per Stock Tank Barrel of Oil Produced		
Facility Record No. * **(Select from dropdown list** - may need to scroll up)	Does well still meet the conditions of §60.5375a(1)(iii)(A)? * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable Date Well Completion Operation Stopped * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable: Time Well Completion Operation Stopped * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable: Date Separator Installed * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable: Time Separator Installed * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	Are there liquids collection at the well site? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(3))	Please provide the file name that contains the Digital Photograph with Date Taken and Latitude and Longitude Imbedded (or with Visible GPS), Showing Required Equipment ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v)} Please provide only one file per record.	Well Location* ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(B))	Please provide the file name that contains the Record of Analysis Performed to Claim Well Meets §60.5375a(g), Including GOR Values for Established Leases and Data from Wells in the Same Basin and Field * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(A)} Please provide only one file per record.	Does the well meet the requriements of §60.5375a(g)? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(C)}
	e.g.: Yes	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: No	e.g.: completion1.pdf **or** XYZCompressorStation.pdf	e.g.: 34.12345 latitude, -101.12345 longitude	e.g.: GORcalcs.pdf **or** XYZCompressorStation.pdf	e.g.: Yes
RINGO FEDERAL LC23-725	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EARP FEDERAL LC23-735	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EARP FEDERAL LC23-740	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-718	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-725	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-735	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-744	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-750	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-755	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-766	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-775	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-785	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE AA33-790	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-678	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-685	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-690	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOMBSTONE FEDERAL LC23-755	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOMBSTONE FEDERAL LC23-760	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOMBSTONE FEDERAL LC23-765	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-665	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-669	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-656	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-613	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-617	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-625	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
WELLS RANCH STATE BB05-650	05-123-43782	None	N/A	435894363	(b) (6)	10/23/2017	6:15 AM	10/24/2017	3:00 AM	N/A	N/A	10/26/2017	10:15 AM
WELLS RANCH STATE BB05-644	05-123-43799	None	N/A	435894366		10/28/2017	6:00 AM	10/29/2017	6:00 AM	N/A	N/A	10/30/2017	10:30 AM
WELLS RANCH STATE BB05-635	05-123-43781	None	N/A	435894368		10/29/2017	6:00 AM	10/29/2017 11/5/2017	11:20 PM 5:20 AM	N/A	N/A	11/6/2017	9:30 AM
WELLS RANCH STATE BB05-630	05-123-43783	None	N/A	435894370		10/30/2017	1:00 PM	10/31/2017 11/5/2017	1:00 AM 5:25 AM	N/A	N/A	11/7/2017	9:20 AM
KUMMER LE23-615	05-123-36943	None	N/A	435914696		11/7/2017	3:00 PM	11/20/2017	12:00 PM	N/A	N/A	11/22/2017	9:30 AM
DUKES FEDERAL LC10-745	05-123-42981	None	N/A	435865599		12/8/2017	10:00 AM	12/10/2017	4:00 PM	N/A	N/A	12/11/2017	11:00 AM
EARP FEDERAL LC23-745	05-123-42981	None	N/A	435865599		12/8/2017	10:00 AM	12/10/2017	4:00 PM	N/A	N/A	12/11/2017	6:00 AM
HAZZARD FEDERAL LC22-735	05-123-42980	None	N/A	435865671		12/9/2017	8:00 AM	12/9/2017	5:00 PM	N/A	N/A	12/11/2017	11:00 AM
HAZZARD FEDERAL LC22-740	05-123-42984	None	N/A	435865639		12/9/2017	8:00 AM	12/9/2017	5:00 PM	N/A	N/A	12/11/2017	11:00 AM
HAZZARD FEDERAL LC22-745	05-123-42983	None	N/A	435865637		12/9/2017	8:00 AM	12/9/2017	4:00 PM	N/A	N/A	12/11/2017	11:00 AM
DUKES FEDERAL LC10-735	05-123-42982	None	N/A	435865606		12/10/2017	11:00 AM	12/11/2017	1:00 AM	N/A	N/A	12/11/2017	11:00 AM
MOSSBERG FEDERAL LC10-760	05-123-42978	None	N/A	435865592		12/15/2017	8:00 PM	12/18/2017	11:00 AM	N/A	N/A	12/19/2017	10:00 AM
MOSSBERG FEDERAL LC10-765	05-123-42969	None	N/A	435865590		12/15/2017	8:00 PM	12/18/2017	11:00 AM	N/A	N/A	12/19/2017	10:00 AM
HOLLIDAY FEDERAL LC23-775	05-123-42949	None	N/A	435865723		12/17/2017	8:00 AM	12/17/2017	3:30 PM	N/A	N/A	12/19/2017	9:00 AM
HOLLIDAY FEDERAL LC23-780	05-123-42950	None	N/A	435865721		12/17/2017	8:00 AM	12/17/2017	3:30 PM	N/A	N/A	12/19/2017	9:00 AM
HOLLIDAY FEDERAL LC23-785	05-123-42948	None	N/A	435865719		12/17/2017	8:00 AM	12/17/2017	11:00 PM	N/A	N/A	12/19/2017	9:00 AM
BENELLI FEDERAL LC22-755	05-123-42973	None	N/A	435865633		1/2/2018	9:00 PM	1/3/2018	11:00 AM	N/A	N/A	1/4/2018	9:00 AM
BENELLI FEDERAL LC22-760	05-123-42977	None	N/A	435865631		1/2/2018	9:00 PM	1/3/2018	3:00 PM	N/A	N/A	1/4/2018	9:00 AM
BENELLI FEDERAL LC22-765	05-123-42975	None	N/A	435865628		1/2/2018	9:00 PM	1/3/2018	1:00 PM	N/A	N/A	1/4/2018	9:00 AM
MAGPUL FEDERAL LC21-670	05-123-42971	None	N/A	435865506		1/5/2018	7:00 PM	1/7/2018 1/7/2018 1/10/2018	3:00 AM 8:30 PM 10:00 AM	1/7/2018 1/8/2018	11:00 AM 9:00 PM	1/12/2018	9:30 AM
MAGPUL FEDERAL LC21-675	05-123-42968	None	N/A	435865557		1/5/2018	7:00 PM	1/7/2018 1/8/2018 1/9/2018	3:00 AM 3:00 PM 1:00 PM	1/7/2018 1/8/2018	11:30 AM 9:00 PM	1/12/2018	9:00 AM
DIAMONDBACK FEDERAL LC22-770	05-123-42970	None	N/A	435865625		1/6/2018	7:00 PM	1/7/2018	6:00 AM	N/A	N/A	1/9/2018	8:00 AM
RATTLESNAKE FEDERAL LC10-785	05-123-42972	None	N/A	435865582		1/6/2018	7:00 PM	1/10/2018	2:00 AM	N/A	N/A	1/12/2018	11:30 AM
RATTLESNAKE FEDERAL LC10-770	05-123-42979	None	N/A	435865588		1/8/2018	5:00 PM	1/20/2018	8:00 AM	1/14/2018 1/19/2018	7:00 PM 10:00 AM	1/22/2018	10:30 AM
CONSTITUTION FEDERAL LC21-655	05-123-42632	None	N/A	435865559		1/11/2018	3:00 PM	1/13/2018	8:00 AM	N/A	N/A	1/16/2018	9:00 AM
CONSTITUTION FEDERAL LC21-660	05-123-42633	None	N/A	435865515		1/11/2018	3:00 PM	1/13/2018	8:00 AM	N/A	N/A	1/16/2018	9:00 AM
FREEDOM FEDERAL LC21-630	05-123-42803	None	N/A	435865572		1/18/2018	1:00 PM	1/21/2018	6:00 AM	N/A	N/A	1/22/2018	9:00 AM
FREEDOM FEDERAL LC21-635	05-123-42805	None	N/A	435865569		1/18/2018	3:00 PM	1/20/2018	12:00 AM	N/A	N/A	1/22/2018	9:00 AM
FREEDOM FEDERAL LC21-640	05-123-42804	None	N/A	435865567		1/18/2018	3:00 PM	1/19/2018	8:00 AM	N/A	N/A	1/22/2018	9:00 AM

Facility Record No. * **(Select from dropdown list** - *may need to scroll up* **)**	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * *(Not Required for Wells Complying with §60.5375a(f))* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Specific Exception Claimed * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Starting Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Ending Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Why the Well Meets the Claimed Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Name of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Location of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
WELLS RANCH STATE BB05-650	76	55	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	55	20	Initial flowback	(b) (9)	Technical infeasibility under 60.5375 (a)(3).	10/24/2017	10/26/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-644	52	28	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	28	24	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/29/2017	10/30/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-635	87	69	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	69	18	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/29/2017 11/5/2017	10/31/2017 11/6/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH STATE BB05-630	80	68	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	68	12	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	10/31/2017 11/5/2017	10/31/2017 11/7/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KUMMER LE23-615	354	45	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	45	309	Initial flowback. Note: no measurable gas to surface during initial 302 hours.		Technical infeasibility under 60.5375 (a)(3).	11/20/2017	11/22/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
DUKES FEDERAL LC10-745	73	19	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	20	11	Initial flowback. Note: no measurable gas to surface during initial 43 hours.		Technical infeasibility under 60.5375 (a)(3).	12/10/2017	12/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
EARP FEDERAL LC23-745	68	14	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	15	10	Initial flowback. Note: no measurable gas to surface during initial 43 hours.		Technical infeasibility under 60.5375 (a)(3).	12/10/2017	12/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HAZZARD FEDERAL LC22-735	51	42	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	42	9	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	12/9/2017	12/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HAZZARD FEDERAL LC22-740	51	42	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	42	9	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	12/9/2017	12/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HAZZARD FEDERAL LC22-745	51	43	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	43	8	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	12/9/2017	12/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
DUKES FEDERAL LC10-735	24	10	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	10	14	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	12/11/2017	12/11/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
MOSSBERG FEDERAL LC10-760	86	23	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	23	63	Initial flowback. Note: no measurable gas to surface during initial 57 hours.		Technical infeasibility under 60.5375 (a)(3).	12/18/2017	12/19/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
MOSSBERG FEDERAL LC10-765	86	23	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	23	63	Initial flowback. Note: no measurable gas to surface during initial 57 hours.		Technical infeasibility under 60.5375 (a)(3).	12/18/2017	12/19/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HOLLIDAY FEDERAL LC23-775	49	41	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	41	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	12/17/2017	12/19/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HOLLIDAY FEDERAL LC23-780	49	41	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	41	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	12/17/2017	12/19/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HOLLIDAY FEDERAL LC23-785	49	34	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	34	15	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	12/17/2017	12/19/2017	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
BENELLI FEDERAL LC22-755	36	22	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	22	14	Initial flowback. Note: no measurable gas to surface during initial 8 hours.		Technical infeasibility under 60.5375 (a)(3).	1/3/2018	1/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
BENELLI FEDERAL LC22-760	36	18	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	18	18	Initial flowback. Note: no measurable gas to surface during initial 8 hours.		Technical infeasibility under 60.5375 (a)(3).	1/3/2018	1/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
BENELLI FEDERAL LC22-765	36	20	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	20	16	Initial flowback. Note: no measurable gas to surface during initial 8 hours.		Technical infeasibility under 60.5375 (a)(3).	1/3/2018	1/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
MAGPUL FEDERAL LC21-670	158	82	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	82	76	Initial flowback. Note: no measurable gas to surface during initial 10 hours.		Technical infeasibility under 60.5375 (a)(3).	1/7/2018 1/7/2018 1/10/2018	1/7/2018 1/8/2018 1/12/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
MAGPUL FEDERAL LC21-675	158	85	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	85	73	Initial flowback. Note: no measurable gas to surface during initial 10 hours.		Technical infeasibility under 60.5375 (a)(3).	1/7/2018 1/8/2018 1/9/2018	1/7/2018 1/8/2018 1/12/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
DIAMONDBACK FEDERAL LC22-770	61	50	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	50	11	Initial flowback. Note: no measurable gas to surface during initial 10 hours.		Technical infeasibility under 60.5375 (a)(3).	1/7/2018	1/9/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
RATTLESNAKE FEDERAL LC10-785	136	57	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	57	79	Initial flowback. Note: no measurable gas to surface during initial 58 hours.		Technical infeasibility under 60.5375 (a)(3).	1/10/2018	1/12/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
RATTLESNAKE FEDERAL LC10-770	151	49	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	49	102	Initial flowback. Note: no measurable gas to surface during initial 19 hours.		Technical infeasibility under 60.5375 (a)(3).	1/20/2018	1/22/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
CONSTITUTION FEDERAL LC21-655	114	73	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	73	41	Initial flowback. Note: no measurable gas to surface during initial 38 hours.		Technical infeasibility under 60.5375 (a)(3).	1/13/2018	1/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
CONSTITUTION FEDERAL LC21-660	114	73	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	73	41	Initial flowback. Note: no measurable gas to surface during initial 38 hours.		Technical infeasibility under 60.5375 (a)(3).	1/13/2018	1/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
FREEDOM FEDERAL LC21-630	92	27	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	27	65	Initial flowback. Note: no measurable gas to surface during initial 64 hours.		Technical infeasibility under 60.5375 (a)(3).	1/21/2018	1/22/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
FREEDOM FEDERAL LC21-635	90	57	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	57	33	Initial flowback. Note: no measurable gas to surface during initial 14 hours.		Technical infeasibility under 60.5375 (a)(3).	1/20/2018	1/22/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
FREEDOM FEDERAL LC21-640	90	73	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	73	17	Initial flowback. Note: no measurable gas to surface during initial 14 hours.		Technical infeasibility under 60.5375 (a)(3).	8/19/2016 8/20/2016	1/22/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site

Facility Record No. * (Select from dropdown list - may need to scroll up)	Technical Considerations Preventing Routing to this Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Capture, Reinjection, and Reuse Technologies Considered * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Additional Reasons for Technical Infeasibility * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))
WELLS RANCH STATE 8805-650	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE 8805-644	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE 8805-635	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE 8805-630	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KUMMER LE23-615	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DUKES FEDERAL LC10-745	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EARP FEDERAL LC23-745	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HAZZARD FEDERAL LC22-735	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HAZZARD FEDERAL LC22-740	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HAZZARD FEDERAL LC22-745	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DUKES FEDERAL LC10-735	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MOSSBERG FEDERAL LC10-760	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MOSSBERG FEDERAL LC10-765	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HOLLIDAY FEDERAL LC23-775	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HOLLIDAY FEDERAL LC23-780	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HOLLIDAY FEDERAL LC23-785	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BENELLI FEDERAL LC22-755	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BENELLI FEDERAL LC22-760	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BENELLI FEDERAL LC22-765	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGPUL FEDERAL LC21-670	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGPUL FEDERAL LC21-675	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIAMONDBACK FEDERAL LC22-770	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RATTLESNAKE FEDERAL LC10-785	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RATTLESNAKE FEDERAL LC10-770	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CONSTITUTION FEDERAL LC21-655	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CONSTITUTION FEDERAL LC21-660	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FREEDOM FEDERAL LC21-630	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FREEDOM FEDERAL LC21-635	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FREEDOM FEDERAL LC21-640	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Facility Record No. * **(Select from dropdown list** - may need to scroll up **)**	Does well still meet the conditions of §60.5375a(1)(iii)(A)? * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable: Date Well Completion Operation Stopped * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable: Time Well Completion Operation Stopped * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable: Date Separator Installed * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	If applicable: Time Separator Installed * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))	Are there liquids collection at the well site? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(3))	Please provide the file name that contains the Digital Photograph with Date Taken and Latitude and Longitude Imbedded (or with Visible GPS), Showing Required Equipment (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v)) Please provide only one file per record.	Well Location* ((§60.5420a(b)(2)(i) and §60.5420a(e)(1)(vi)(B))	Please provide the file name that contains the Record of Analysis Performed to Claim Well Meets §60.5375a(g), Including GOR Values for Established Leases and Data from Wells in the Same Basin and Field * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(A)) Please provide only one file per record.	Does the well meet the requriements of §60.5375a(g)? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ((§60.5420a(b)(2)(i) and §60.5420a(u)(1)(vi)(C))
WELLS RANCH STATE BB05-650	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-644	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-635	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH STATE BB05-630	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KUMMER LE23-615	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DUKES FEDERAL LC10-745	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EARP FEDERAL LC23-745	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HAZZARD FEDERAL LC22-735	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HAZZARD FEDERAL LC22-740	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HAZZARD FEDERAL LC22-745	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DUKES FEDERAL LC10-735	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MOSSBERG FEDERAL LC10-760	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MOSSBERG FEDERAL LC10-765	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HOLLIDAY FEDERAL LC23-775	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HOLLIDAY FEDERAL LC23-780	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HOLLIDAY FEDERAL LC23-785	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BENELLI FEDERAL LC22-755	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BENELLI FEDERAL LC22-760	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BENELLI FEDERAL LC22-765	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGPUL FEDERAL LC21-670	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGPUL FEDERAL LC21-675	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIAMONDBACK FEDERAL LC22-770	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RATTLESNAKE FEDERAL LC10-785	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RATTLESNAKE FEDERAL LC10-770	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CONSTITUTION FEDERAL LC21-655	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CONSTITUTION FEDERAL LC21-660	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FREEDOM FEDERAL LC21-630	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FREEDOM FEDERAL LC21-635	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FREEDOM FEDERAL LC21-640	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Facility Record No. * **(Select from dropdown list** - *may need to scroll up*)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
MINUTEMEN FEDERAL LC21-615	05-123-42787	None	N/A	435865578	(b) (9)	1/19/2018	10:00 PM	1/22/2018	3:00 AM	N/A	N/A	1/24/2018	8:30 AM
MINUTEMEN FEDERAL LC21-620	05-123-42789	None	N/A	435865576		1/19/2018	10:00 PM	1/20/2018	12:00 PM	N/A	N/A	1/22/2018	9:30 PM
MINUTEMEN FEDERAL LC21-625	05-123-42788	None	N/A	435865574		1/19/2018	10:00 PM	1/20/2018	7:00 PM	N/A	N/A	1/22/2018	9:30 PM
KONA A19-616	05-123-44575	None	N/A	435908199		2/14/2018	7:00 PM	2/15/2018	1:00 AM	N/A	N/A	2/16/2018	9:30 AM
KONA A19-624	05-123-44574	None	N/A	435908197		2/14/2018	7:00 PM	2/15/2018	1:00 PM	N/A	N/A	2/16/2018	9:30 AM
KONA A19-636	05-123-44577	None	N/A	435908193		2/20/2018	6:30 AM	2/20/2018	2:00 PM	N/A	N/A	2/21/2018	1:30 PM
KONA A19-646	05-123-44541	None	N/A	435908187		2/27/2018	3:00 PM	2/27/2018	6:00 PM	N/A	N/A	2/28/2018	12:00 PM
KONA A19-662	05-123-44471	None	N/A	435908183		2/27/2018	3:00 PM	2/27/2018	10:00 PM	N/A	N/A	2/28/2018	12:00 PM
KONA A19-670	05-123-44524	None	N/A	435908181		3/1/2018	7:00 AM	3/1/2018	2:00 PM	N/A	N/A	3/2/2018	6:00 AM
KONA A19-685	05-123-44525	None	N/A	435908177		3/1/2018	7:00 AM	3/1/2018	8:00 PM	N/A	N/A	3/2/2018	6:00 AM
WELLS RANCH AF07-618	05-123-44251	None	N/A	435894668		3/17/2018	6:00 AM	3/18/2018 3/20/2018	4:30 PM 2:00 PM	N/A	N/A	3/21/2018	12:30 PM
WELLS RANCH AF07-625	05-123-44238	None	N/A	425894665		3/17/2018	8:00 AM	3/18/2018	4:30 PM	N/A	N/A	3/21/2018	1:00 PM
WELLS RANCH AF07-631	05-123-44241	None	N/A	435894664		3/22/2018	1:30 AM	3/22/2018	9:00 PM	N/A	N/A	3/26/2018	11:00 AM
WELLS RANCH AF07-638	05-123-44247	None	N/A	435894662		3/22/2018	1:00 AM	3/22/2018	8:00 PM	N/A	N/A	3/26/2018	11:00 AM
WELLS RANCH AF07-645	05-123-44250	None	N/A	435894660		3/25/2018	10:00 AM	3/26/2018	8:00 AM	N/A	N/A	3/28/2018	2:00 PM
WELLS RANCH AF07-651	05-123-44248	None	N/A	435894658		3/25/2018	8:00 AM	3/26/2018	8:00 AM	N/A	N/A	3/28/2018	2:00 PM
WELLS RANCH AF07-659	05-123-44246	None	N/A	435894656		3/25/2018	8:00 AM	3/26/2018	3:00 PM	N/A	N/A	3/28/2018	2:00 PM
WELLS RANCH AF07-666	05-123-44240	None	N/A	435894654		3/25/2018	8:00 AM	3/26/2018	3:00 PM	N/A	N/A	3/28/2018	2:00 PM
KRAMER FEDERAL LC22-720	05-123-42939	None	N/A	435865677		4/2/2018	2:00 PM	4/2/2018	3:00 PM	N/A	N/A	4/4/2018	9:00 AM
KRAMER FEDERAL LC22-725	05-123-42938	None	N/A	435865675		4/2/2018	1:00 PM	4/2/2018 4/4/2018	2:00 PM 9:00 AM	4/3/2018	2:00 PM	4/4/2018	9:00 AM
WELLS RANCH BB11-667	05-123-44968	None	N/A	435895499		4/2/2018	7:00 AM	4/12/2018	3:00 PM	N/A	N/A	4/14/2018	12:00 PM
WELLS RANCH BB11-674	05-123-44966	None	N/A	435895497		4/2/2018	7:00 AM	4/5/2018	9:00 AM	N/A	N/A	4/6/2018	10:30 AM
WELLS RANCH BB11-682	05-123-44969	None	N/A	435895496		4/2/2018	7:00 AM	4/3/2018	12:00 PM	N/A	N/A	4/6/2018	10:30 AM
WELLS RANCH BB11-643	05-123-44962	None	N/A	435895505		4/16/2018	1:00 PM	4/18/2018	12:00 PM	N/A	N/A	4/23/2018	10:00 AM
WELLS RANCH BB11-650	05-123-44961	None	N/A	435895503		4/16/2018	12:00 PM	4/18/2018	12:00 PM	N/A	N/A	4/23/2018	11:30 AM
WELLS RANCH BB11-658	05-123-44959	None	N/A	435895501		4/16/2018	12:00 PM	4/18/2018	1:00 PM	N/A	N/A	4/23/2018	10:00 AM
WELLS RANCH BB11-618	05-123-44950	None	N/A	435895512		5/2/2018	6:30 AM	5/3/2018	1:00 AM	N/A	N/A	5/4/2018	10:00 AM
WELLS RANCH BB11-627	05-123-44949	None	N/A	435895510		5/2/2018	6:30 AM	5/3/2018	9:00 AM	N/A	N/A	5/4/2018	10:00 AM
WELLS RANCH BB11-635	05-123-44951	None	N/A	435895508		5/2/2018	6:00 AM	5/3/2018	4:00 AM	N/A	N/A	5/4/2018	10:00 AM

Facility Record No. * **(Select from dropdown list** - *may need to scroll up*)	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * *(Not Required for Wells Complying with §60.5375a(f))* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Specific Exception Claimed * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Starting Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Ending Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Why the Well Meets the Claimed Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Name of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Location of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
MINUTEMEN FEDERAL LC21-615	106	53	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	53	53	Initial flowback. Note: no measurable gas to surface during initial 55 hours.	(b) (9)	Technical infeasibility under 60.5375 (a)(3).	1/22/2018	1/24/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
MINUTEMEN FEDERAL LC21-620	71	57	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	57	14	Initial flowback. Note: no measurable gas to surface during initial 7 hours.		Technical infeasibility under 60.5375 (a)(3).	1/20/2018	1/22/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
MINUTEMEN FEDERAL LC21-625	71	50	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	50	21	Initial flowback. Note: no measurable gas to surface during initial 7 hours.		Technical infeasibility under 60.5375 (a)(3).	1/20/2018	1/22/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KONA A19-616	38	32	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	32	6	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	2/15/2018	2/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KONA A19-624	38	20	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	20	18	Initial flowback. Note: no measurable gas to surface during initial 10 hours.		Technical infeasibility under 60.5375 (a)(3).	2/15/2018	2/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KONA A19-636	31	23	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	23	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	2/20/2018	2/21/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KONA A19-646	21	18	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	18	3	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	2/27/2018	2/28/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KONA A19-662	21	14	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	14	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	2/27/2018	2/28/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KONA A19-670	23	16	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	16	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	3/1/2018	3/2/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KONA A19-685	23	10	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	10	13	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	3/1/2018	3/2/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-618	102	36	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	36	66	Initial flowback. Note: no measurable gas to surface during initial 32 hours.		Technical infeasibility under 60.5375 (a)(3).	3/18/2018 3/20/2018	3/20/2018 3/21/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-625	101	68	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	68	32	Initial flowback. Note: no measurable gas to surface during initial 32 hours.		Technical infeasibility under 60.5375 (a)(3).	3/18/2018	3/21/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-631	105	86	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	86	19	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	3/22/2018	3/26/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-638	106	87	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	87	19	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	3/22/2018	3/26/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-645	76	54	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	54	22	Initial flowback. Note: no measurable gas to surface during initial 19 hours.		Technical infeasibility under 60.5375 (a)(3).	3/26/2018	3/28/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-651	78	54	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	54	24	Initial flowback. Note: no measurable gas to surface during initial 21 hours.		Technical infeasibility under 60.5375 (a)(3).	3/26/2018	3/28/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-659	78	47	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	47	31	Initial flowback. Note: no measurable gas to surface during initial 21 hours.		Technical infeasibility under 60.5375 (a)(3).	3/26/2018	3/28/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH AF07-666	78	47	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	47	31	Initial flowback. Note: no measurable gas to surface during initial 21 hours.		Technical infeasibility under 60.5375 (a)(3).	3/26/2018	3/28/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KRAMER FEDERAL LC22-720	43	42	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	42	1	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	4/2/2018	4/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
KRAMER FEDERAL LC22-725	44	24	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	24	20	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	4/2/2018 4/4/2018	4/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-667	293	45	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	45	248	Initial flowback. Note: no measurable gas to surface during initial 238 hours.		Technical infeasibility under 60.5375 (a)(3).	4/12/2018	4/14/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-674	99	25	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	25	74	Initial flowback. Note: no measurable gas to surface during initial 71 hours.		Technical infeasibility under 60.5375 (a)(3).	4/5/2018	4/6/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-682	99	70	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	70	29	Initial flowback. Note: no measurable gas to surface during initial 22 hours.		Technical infeasibility under 60.5375 (a)(3).	4/3/2018	4/6/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-643	165	118	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	118	47	Initial flowback. Note: no measurable gas to surface during initial 40 hours.		Technical infeasibility under 60.5375 (a)(3).	4/18/2018	4/23/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-650	167	119	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	119	48	Initial flowback. Note: no measurable gas to surface during initial 41 hours.		Technical infeasibility under 60.5375 (a)(3).	4/18/2018	4/23/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-658	166	117	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	117	49	Initial flowback. Note: no measurable gas to surface during initial 41 hours.		Technical infeasibility under 60.5375 (a)(3).	4/18/2018	4/23/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-618	51	33	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	33	18	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	5/3/2018	5/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-627	51	25	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	25	26	Initial flowback. Note: no measurable gas to surface during initial 22 hours.		Technical infeasibility under 60.5375 (a)(3).	5/3/2018	5/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
WELLS RANCH BB11-635	52	30	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	30	22	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	5/3/2018	5/4/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site

Facility Record No. * **(Select from dropdown list** - may need to scroll up)	Technical Considerations Preventing Routing to this Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Capture, Reinjection, and Reuse Technologies Considered * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Additional Reasons for Technical Infeasibility * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))
MINUTEMEN FEDERAL LC21-615	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MINUTEMEN FEDERAL LC21-620	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MINUTEMEN FEDERAL LC21-625	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-616	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-624	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-636	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-646	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-662	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-670	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-685	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-618	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-625	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-631	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-638	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-645	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-651	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-659	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-666	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KRAMER FEDERAL LC22-720	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KRAMER FEDERAL LC22-725	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-667	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-674	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-682	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-643	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-650	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-658	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-618	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-627	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-635	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Facility Record No. * **(Select from dropdown list** - may need to scroll up **)**	Does well still meet the conditions of §60.5375a(1)(iii)(A)? * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)})	If applicable Date Well Completion Operation Stopped * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)})	If applicable: Time Well Completion Operation Stopped * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)})	If applicable: Date Separator Installed * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)})	If applicable: Time Separator Installed * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)})	Are there liquids collection at the well site? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)})	Please provide the file name that contains the Digital Photograph with Date Taken and Latitude and Longitude Imbedded (or with Visible GPS), Showing Required Equipment ({§60.5420a(b)(2)(i) and §60.5420a(c)(3)(vi)) Please provide only one file per record.	Well Location* ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v)(B)})	Please provide the file name that contains the Record of Analysis Performed to Claim Well Meets §60.5375a(g), Including GOR Values for Established Leases and Data from Wells in the Same Basin and Field * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(A)}) Please provide only one file per record.	Does the well meet the requirements of §60.5375a(g)? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ({§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(C)})
MINUTEMEN FEDERAL LC21-615	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MINUTEMEN FEDERAL LC21-620	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MINUTEMEN FEDERAL LC21-625	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-616	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-624	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-636	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-646	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-662	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-670	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KONA A19-685	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-618	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-625	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-631	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-638	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-645	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-651	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-659	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH AF07-666	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KRAMER FEDERAL LC22-720	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KRAMER FEDERAL LC22-725	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-667	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-674	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-682	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-643	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-650	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-658	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-618	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-627	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLS RANCH BB11-635	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
HULLABALOO STATE Y21-769	05-123-45237	None	N/A	435911352	(b) (9)	6/9/2018	3:30 PM	6/10/2018 6/14/2018	3:00 AM 8:30 PM	N/A	N/A	6/15/2018	11:00 AM
HULLABALOO STATE Y21-775	05-123-45241	None	N/A	435911366		6/9/2018	3:30 PM	6/10/2018 6/14/2018	3:00 AM 8:30 AM	N/A	N/A	6/15/2018	9:00 AM
HULLABALOO STATE Y21-781	05-123-45239	None	N/A	435911378		6/9/2018	3:30 PM	6/10/2018 6/14/2018	3:00 AM 4:00 PM	N/A	N/A	6/15/2018	6:00 AM
HULLABALOO STATE Y21-787	05-123-45238	None	N/A	435911338		6/9/2018	3:30 PM	6/10/2018 6/14/2018	2:00 AM 8:00 PM	N/A	N/A	6/15/2018	8:00 AM
HULLABALOO STATE Y21-756	05-123-45240	None	N/A	435911363		6/22/2018	2:00 PM	6/24/2018 6/25/2018	3:00 PM 1:00 PM	6/24/2018	11:00 PM	7/2/2018	10:00 AM
HULLABALOO STATE Y21-763	05-123-45236	None	N/A	435911347		6/23/2018	6:00 PM	6/24/2018	1:00 AM	N/A	N/A	6/25/2018	12:30 PM
HULLABALOO STATE Y21-736	05-123-45233	None	N/A	435911376		7/7/2018	12:00 PM	7/11/2018 7/16/2018	10:00 PM 10:00 PM	N/A	N/A	7/17/2018	3:30 PM
HULLABALOO STATE Y21-746	05-123-45235	None	N/A	435911377		7/7/2018	12:00 PM	7/10/2018	9:00 PM	N/A	N/A	7/16/2018	10:00 AM
HULLABALOO STATE Y21-716	05-123-45232	None	N/A	435911375		7/14/2018	8:00 AM	7/14/2018	12:00 PM	N/A	N/A	7/16/2018	12:00 PM
CENTENNIAL STATE G34-679	05-123-44608	None	N/A	435884756		7/15/2018	12:00 PM	7/15/2018	1:00 PM	N/A	N/A	7/16/2018	12:00 PM
CENTENNIAL STATE G34-684	05-123-44601	None	N/A	435884754		7/15/2018	12:00 PM	7/15/2018	1:00 PM	N/A	N/A	7/16/2018	11:00 AM
CENTENNIAL STATE G34-689	05-123-44607	None	N/A	435884752		7/15/2018	12:00 PM	7/15/2018	1:00 PM	N/A	N/A	7/16/2018	11:00 AM
HULLABALOO STATE Y21-726	05-123-45234	None	N/A	435911357		7/23/2018	11:00 AM	7/26/2018	3:00 PM	N/A	N/A	8/2/2018	1:00 PM

Facility Record No. * **(Select from dropdown list** - *may need to scroll up*)	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * *(Not Required for Wells Complying with §60.5375a(f))* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Specific Exception Claimed * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Starting Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Ending Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Why the Well Meets the Claimed Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))	Name of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Location of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
HULLABALOO STATE Y21-769	133	120	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	120	14	Initial flowback	(b) (9)	Technical infeasibility under 60.5375 (a)(3).	6/10/2018 6/14/2018	6/14/2018 6/15/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-775	130	118	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	118	13	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	6/10/2018 6/14/2018	6/14/2018 6/15/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-781	131	119	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	119	13	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	6/10/2018 6/14/2018	6/14/2018 6/15/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-787	132	121	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	121	12	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	6/10/2018 6/14/2018	6/14/2018 6/15/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-756	236	174	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	174	63	Initial flowback. Note: no measurable gas to surface during initial 39 hours.		Technical infeasibility under 60.5375 (a)(3).	6/24/2018 6/25/2018	6/24/2018 7/2/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-763	42	35	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	35	7	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	6/24/2018	6/25/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-736	236	132	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	132	106	Initial flowback. Note: no measurable gas to surface during initial 89 hours.		Technical infeasibility under 60.5375 (a)(3).	7/11/2018 7/16/2018	7/16/2018 7/17/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-746	214	133	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	133	81	Initial flowback. Note: no measurable gas to surface during initial 65 hours.		Technical infeasibility under 60.5375 (a)(3).	7/10/2018	7/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-716	52	48	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	48	4	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	7/14/2018	7/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
CENTENNIAL STATE G34-679	24	23	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	23	1	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	7/15/2018	7/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
CENTENNIAL STATE G34-684	23	22	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	22	1	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	7/15/2018	7/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
CENTENNIAL STATE G34-689	23	22	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	22	1	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	7/15/2018	7/16/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site
HULLABALOO STATE Y21-726	242	166	Majority of gas is used as instrument gas to control onsite equipment. Remainder is combusted.	166	76	Initial flowback		Technical infeasibility under 60.5375 (a)(3).	7/26/2018	8/2/2018	Majority of gas is used for useful purpose; however, technical issues prevent use of remaining gas (see explanations).	Facility flow line	On site

Facility Record No. * **(Select from dropdown list** - may need to scroll up **)**	Technical Considerations Preventing Routing to this Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Capture, Reinjection, and Reuse Technologies Considered * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Additional Reasons for Technical Infeasibility * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Well Location* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))
HULLABALOO STATE Y21-769	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-775	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-781	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-787	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-756	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-763	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-736	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-746	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-716	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CENTENNIAL STATE G34-679	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CENTENNIAL STATE G34-684	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CENTENNIAL STATE G34-689	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-726	Flow line not yet certified to accept gas and/or quality of gas does not meet spec.	Compression equipment not feasible.	Gas quality.	None. Used as instrument gas to control onsite equipment.	None.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Facility Record No. * **(Select from dropdown list** - *may need to scroll up* **)**	Does well still meet the conditions of §60.5375a(1)(iii)(A)? * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)])	If applicable Date Well Completion Operation Stopped * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)])	If applicable: Time Well Completion Operation Stopped * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)])	If applicable: Date Separator Installed * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)])	If applicable: Time Separator Installed * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2)])	Are there liquids collection at the well site? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(3)])	Please provide the file name that contains the Digital Photograph with Date Taken and Latitude and Longitude Imbedded (or with Visible GPS), Showing Required Equipment ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v)]) Please provide only one file per record.	Well Location* ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(B)])	Please provide the file name that contains the Record of Analysis Performed to Claim Well Meets §60.5375a(g), Including GOR Values for Established Leases and Data from Wells in the Same Basin and Field * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(A)]) Please provide only one file per record.	Does the well meet the requriements of §60.5375a(g)? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * ([§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(C)])
HULLABALOO STATE Y21-769	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-775	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-781	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-787	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-756	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-763	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-736	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-746	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-716	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CENTENNIAL STATE G34-679	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CENTENNIAL STATE G34-684	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CENTENNIAL STATE G34-689	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HULLABALOO STATE Y21-726	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For each centrifugal compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(3)(i) through (iv) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

				Centrifugal Compressors Required to Comply with §60.5380a(a)(2) - Cover and Closed Vent System Requirements			
Facility Record No. * **(Select from dropdown list** - *may need to scroll up*)	Compressor ID * (§60.5420a(b)(1)(ii))	For centrifugal compressors using a wet seal system, was the compressor constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(3)(i))	Deviations where the centrifugal compressor was not operated in compliance with requirements * (§60.5420a(b)(3)(ii) and §60.5420a(c)(2))	Record of Each Closed Vent System Inspection * (§60.5420a(b)(3)(iii) and §60.5420a(c)(6))	Record of Each Cover Inspection * (§60.5420a(b)(3)(iii) and §60.5420a(c)(7))	If you are subject to the bypass requirements of §60.5416a(a)(4) and you monitor the bypass with a flow indicator, a record of each time the alarm is sounded. * (§60.5420a(b)(3)(iii) and §60.5420a(c)(8))	If you are subject to the bypass requirements of §60.5416a(a)(4) and you use a secured valve, a record of each monthly inspection. * (§60.5420a(b)(3)(iii) and §60.5420a(c)(8))
	e.g.: Comp-12b	e.g.: modified	e.g.: On October 12, 2016, the pilot flame was not functioning on the combustion unit controlling the compressor.	e.g.: Annual inspection conducted on 12/16/16. No defects observed. No detectable emissions observed.	e.g.: Annual inspection conducted on 12/16/16. No defects observed.	e.g.: On 4/5/17, the bypass alarm sounded for 2 mintues.	e.g.: Monthly inspection performed 4/15/17. Valve was maintained in the non-diverting position. Vent stream was not diverted through the bypass.

Noble Energy, Inc. **Not applicable. Noble Energy, Inc. did not operate any centrifugal compressor affected facilities at its assets in Weld County, CO during the August 2, 2017 through August 2, 2018 reporting period.**

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each reciprocating compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(4)(i) and (ii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

Facility Record No. * **(Select from dropdown list** - *may need to scroll up* **)**	Compressor ID * (§60.5420a(b)(1)(ii))	Are emissions from the rod packing unit being routed to a process through a closed vent system under negative pressure? * (§60.5420a(b)(4)(i))	If emissions are not routed to a process through a closed vent system under negative pressure, what are the cumulative number of hours or months of operation since initial startup or the previous rod packing replacement (whichever is later)? * (§60.5420a(b)(4)(i))	Units of Time Measurement * (§60.5420a(b)(4)(i))	Deviations where the reciprocating compressor was not operated in compliance with requirements* (§60.5420(b)(4)(ii) and §60.5420a(c)(3)(iii))
	e.g.: Comp-12b	e.g.: no	e.g.: 2	e.g.: months	e.g.: Rod packing replacement exceeded 36 months. Replacement occurred after 37 months.
Noble Energy, Inc.	**Not applicable. Noble Energy, Inc. did not operate any reciprocating compressor affected facilities at its assets in Weld County, CO during the August 2, 2017 through August 2, 2018 reporting period.**				

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For each pneumatic controller affected facility, an owner or operator must include the information specified in paragraphs (b)(5)(i) through (iii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

					Pneumatic Controllers with a Natural Gas Bleed Rate Greater than 6 scfh		
Facility Record No. * **(Select from dropdown list -** *may need to scroll up* **)**	Pneumatic Controller Identification * (§60.5420a(b)(1)(ii), §60.5420a(b)(5)(i), and §60.5390a(b)(2) or §60.5390a(c)(2))	Was the pneumatic controller constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(5)(i))	Month of Installation, Reconstruction, or Modification* (§60.5420a(b)(5)(i) and §60.5390a(b)(2) or §60.5390a(c)(2))	Year of Installation, Reconstruction, or Modification* (§60.5420a(b)(5)(i) and §60.5390a(b)(2) or §60.5390a(c)(2))	Documentation that Use of a Pneumatic Controller with a Natural Gas Bleed Rate Greater than 6 Standard Cubic Feet per Hour is required * (§60.5420a(b)(5)(ii))	Reasons Why * (§60.5420a(b)(5)(ii))	Records of deviations where the pneumatic controller was not operated in compliance with requirements* (§60.5420a(b)(5)(iii) and §60.5420a(c)(4)(v))
	e.g.: Controller 12A	e.g.: modified	e.g.: February	e.g.: 2017	e.g.: Controller has a bleed rate of 8 scfh.	e.g.: safety bypass controller requires use of a high-bleed controller	e.g.: Controller was not tagged with month and year of installation.
Noble Energy, Inc.	**Not applicable. Noble Energy, Inc. did not operate any pneumatic controller affected facilities at its assets in Weld County, CO during the August 2, 2017 through August 2, 2018 reporting period.**						

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each storage vessel affected facility, an owner or operator must include the information specified in paragraphs (b)(6)(i) through (vii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

Facility Record No. * **(Select from dropdown list** - *may need to scroll up* **)**	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
	e.g.: Tank 125	e.g.: modified	e.g.: 34.12345	e.g.: -101.12345	e.g.: VOC emission rate is 6.5 tpy. See file rate_determination.pdf for more information.	e.g.: On October 12, 2016, the pilot flame was not functioning on the combustion unit controlling the storage vessel.	e.g.: Yes	e.g.: Yes
Noble Energy, Inc.	**Not applicable. Noble Energy, Inc. did not operate any storage tank affected facilities at its assets in Weld County, CO during the August 2, 2017 through August 2, 2018 reporting period.**							

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, an owner or operator must include the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (xii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) *	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions	Type of Component Not Repaired as Required in	Number of Each Component Type Not Repaired as	Type of Difficult-to Monitor Components Monitored *	Number of Each Difficult-to Monitor Component Type Monitore	Type of Unsafe-to-Monitor Component Monitored *	Number of Each Unsafe-to-Monitor Component Type Monitore
	e.g.: Well Site ABC	e.g.: 8/13/17	e.g.: 10:00 am	e.g.: 1:00 pm	e.g.: John S	e.g.: 90°F	e.g.: Sunny, no cloud	e.g.: 2 mph	e.g.: Company ABC optical gas imaging ca	e.g.: None	e.g.: Valve	e.g.: 3	e.g.: Valve	e.g.: 1	e.g.: Valve	e.g.: 1	e.g.:Valve	e.g.: 1
Noble Energy, Inc.	HAFFNER T2N-R64W-S23 L01	2017-08-08	2017-08-08 08:22:00	2017-08-08 08:27:00	(b) (6)	64°F	Partly Cloudy	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	DIETRICH T4N-R64W-S7 L01	2017-08-08	2017-08-08 09:05:00	2017-08-08 10:20:00		65°F	Overcast	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	JOHNSON T4N-R65W-S12 L01	2017-08-08	2017-08-08 10:43:00	2017-08-08 11:09:00		66°F	Overcast	3 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	MCMILLEN T4N-R65W-S19 L02	2017-08-08	2017-08-08 13:35:00	2017-08-08 14:35:00		76°F	Partly Cloudy	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	Valve	3	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	BOULTER T4N-R65W-S11 L03	2017-08-09	2017-08-09 08:31:00	2017-08-09 08:53:00		63°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	BOULTER T4N-R65W-S14 L03	2017-08-09	2017-08-09 09:07:00	2017-08-09 09:36:00		62°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	UPRC T4N-R65W-S8 L01	2017-08-09	2017-08-09 09:55:00	2017-08-09 10:19:00		66°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	70 RANCH STATE BB17 ECONODE T5N-R63W-S17 L01	2017-08-09	2017-08-09 11:10:00	2017-08-09 11:57:00		76°F	Partly Cloudy	9 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA11 ECONODE T6N-R63W-S11 L01	2017-08-09	2017-08-09 12:42:00	2017-08-09 13:31:00		77°F	Partly Cloudy	8 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	CROW CREEK ST AC36 & AA01 ECONODE T7N-R63W-S36 L01	2017-08-10	2017-08-10 10:34:00	2017-08-10 11:24:00		70°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA21 ECONODE T6N-R63W-S21 L01	2017-08-10	2017-08-10 11:45:00	2017-08-10 12:56:00		74°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	Valve	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH STATE A36 ECONODE T6N-R63W-S31 L01	2017-08-11	2017-08-11 07:57:00	2017-08-11 08:31:00		58°F	Overcast	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AE20 ECONODE T6N-R62W-S20 L01	2017-08-11	2017-08-11 12:14:00	2017-08-11 12:52:00		72°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA25 & 26 ECONODE T6N-R63W-S25 L01	2017-08-11	2017-08-11 09:08:00	2017-08-11 11:57:00		56°F	Overcast	8 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	4	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	CHECKETTS JERKE T4N-R65W-S15 L01	2017-08-14	2017-08-14 10:59:00	2017-08-14 11:31:00		77°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LEE BOIKO T4N-R65W-S15 L01	2017-08-14	2017-08-14 11:45:00	2017-08-14 12:00:00		83°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	BOULTER JOHNSON ERICKSON HBR T4N-R64W-S10 L01	2017-08-15	2017-08-15 08:06:00	2017-08-15 08:45:00		64°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	3	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	BOULTER JOHNSON ERICKSON HBR T4N-R64W-S10 L01	2017-08-15	2017-08-15 08:06:00	2017-08-15 08:45:00		64°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	TIMMERMAN PLATTE VALLEY T4N-R65W-S13 L01	2017-08-15	2017-08-15 09:10:00	2017-08-15 10:00:00		70°F	Partly Cloudy	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	MOSER H22 H34 ECONODE T3N-R65W-S27 L01	2017-08-15	2017-08-15 11:02:00	2017-08-15 11:51:00		74°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AE32 ECONODE T6N-R62W-S32 L01	2017-08-17	2017-08-17 10:23:00	2017-08-17 10:58:00		70°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD19-16 ECONODE T9N-R58W-S19 L01	2017-08-16	2017-08-16 10:08:00	2017-08-16 10:57:00		63°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - PRV	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH BB01 AF05 ECONODE T5N-R63W-S1 L01	2017-08-17	2017-08-17 11:15:00	2017-08-17 12:21:00		78°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	SHADOW AA30 ECONODE T9N-R63W-S30 L01	2017-08-16	2017-08-16 12:20:00	2017-08-16 13:18:00		75°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC34 ECONODE T9N-R59W-S34 L01	2017-08-18	2017-08-18 09:10:00	2017-08-18 10:06:00		66°F	Clear	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC25 ECONODE T9N-R59W-S25 L01	2017-08-18	2017-08-18 10:34:00	2017-08-18 11:57:00		78°F	Clear	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC25 ECONODE T9N-R59W-S25 L01	2017-08-18	2017-08-18 10:34:00	2017-08-18 11:57:00		78°F	Clear	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC25 ECONODE T9N-R59W-S25 L01	2017-08-18	2017-08-18 10:34:00	2017-08-18 11:57:00		78°F	Clear	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD28 GREYSON-BRECKEN T9N-R58W-S28 L01	2017-08-18	2017-08-18 13:42:00	2017-08-18 14:07:00		82°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	SEAL	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD28 GREYSON-BRECKEN T9N-R58W-S28 L01	2017-08-18	2017-08-18 13:42:00	2017-08-18 14:07:00		82°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	AGGIE-COLT AA17 ECONODE T6N-R63W-S17 L01	2017-08-21	2017-08-21 10:35:00	2017-08-21 11:14:00		82°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD22-A ECONODE T9N-R58W-S22 L01	2017-08-22	2017-08-22 10:21:00	2017-08-22 11:35:00		66°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD22-A ECONODE T9N-R58W-S22 L01	2017-08-22	2017-08-22 10:21:00	2017-08-22 11:35:00		66°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD05 ECONODE T9N-R58W-S4 L01	2017-08-22	2017-08-22 12:51:00	2017-08-22 12:52:00		71°F	Clear	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	ROHN STATE LD04 ECONODE T9N-R58W-S4 L01	2017-08-22	2017-08-22 12:52:00	2017-08-22 12:53:00		71°F	Clear	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LAPP A13 ECONODE T6N-R64W-S13 L01	2017-08-24	2017-08-24 08:27:00	2017-08-24 10:11:00		60°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	3	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LAPP A13 ECONODE T6N-R64W-S13 L01	2017-08-24	2017-08-24 08:27:00	2017-08-24 10:11:00		60°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC24-6 ECONODE T9N-R59W-S24 L01	2017-08-25	2017-08-25 13:32:00	2017-08-25 13:32:00		79°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC24-6 ECONODE T9N-R59W-S24 L01	2017-08-25	2017-08-25 13:32:00	2017-08-25 13:32:00		79°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	4	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC24-6 ECONODE T9N-R59W-S24 L01	2017-08-25	2017-08-25 13:32:00	2017-08-25 13:32:00		79°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - PRV	9	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2017-08-28	2017-08-28 08:42:00	2017-08-28 12:00:00		63°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2017-08-28	2017-08-28 08:42:00	2017-08-28 12:00:00		63°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	FLANGE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2017-08-28	2017-08-28 08:42:00	2017-08-28 12:00:00		63°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2017-08-28	2017-08-28 08:42:00	2017-08-28 12:00:00		63°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - PRV	7	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA33 ECONODE T6N-R63W-S21 L01	2017-10-10	2017-10-10 10:02:00	2017-10-10 10:12:00		28°F	Fog	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH STATE BB03 ECONODE T5N-R63W-S3 L01	2017-10-19	2017-10-19 10:47:00	2017-10-19 10:58:00		47°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	KUMMER T8N-R61W-S23 L02	2017-12-14	2017-12-14 11:15:00	2017-12-14 12:01:00		34°F	Partly Cloudy	22 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - A ECONODE T9N-R59W-S22 L01	2017-12-27	2017-12-27 09:53:00	2017-12-27 12:11:00		12°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	3	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - A ECONODE T9N-R59W-S22 L01	2017-12-27	2017-12-27 09:53:00	2017-12-27 12:11:00		12°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	4	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - A ECONODE T9N-R59W-S22 L01	2017-12-27	2017-12-27 09:53:00	2017-12-27 12:11:00		12°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - PRV	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - A ECONODE T9N-R59W-S22 L01	2017-12-27	2017-12-27 09:53:00	2017-12-27 12:11:00		12°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	MOSER H22 H34 ECONODE T3N-R65W-S27 L01	2018-01-05	2018-01-05 13:19:00	2018-01-05 14:20:00		50°F	Partly Cloudy	2 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	HAFFNER T2N-R64W-S23 L01	2018-01-06	2018-01-06 11:26:00	2018-01-06 11:30:00		39°F	Partly Cloudy	2 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	TIMMERMAN PLATTE VALLEY T4N-R65W-S13 L01	2018-01-06	2018-01-06 13:05:00	2018-01-06 13:06:00		44°F	Partly Cloudy	2 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	DIETRICH T4N-R64W-S7 L01	2018-01-06	2018-01-06 13:16:00	2018-01-06 13:40:00		45°F	Partly Cloudy	2 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	CHECKETTS JERKE T4N-R65W-S15 L01	2018-01-06	2018-01-06 13:50:00	2018-01-06 14:21:00		46°F	Partly Cloudy	2 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	MCMILLEN T4N-R65W-S19 L02	2018-01-06	2018-01-06 14:30:00	2018-01-06 14:56:00		47°F	Partly Cloudy	2 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	UPRC T4N-R65W-S8 L01	2018-01-07	2018-01-07 13:31:00	2018-01-07 13:43:00		50°F	Partly Cloudy	9 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD22-A ECONODE T9N-R58W-S22 L01	2018-01-08	2018-01-08 11:50:00	2018-01-08 12:50:00		57°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A

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						OGI	or Station Affected Fa	
Facility Record No. * (Select from dropdown list - *may need to scroll up*)	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420	Number of Each Component Type Placed on Delay of Repair *	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? *	If a monitoring survey was waived, the calendar
	e.g.: 11/10/16	e.g.: Valve	e.g.: 1	e.g.: Unsafe to repair until next shutdown	e.g.: Company ABC optical gas imaging ca	e.g.: Trained thermographer; completed 40-hour course at XYZ Training Center. Has 4 years of experience with OGI surveys.	e.g.: Yes	e.g.: Janua
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-10	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-11	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-14	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-15	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-15	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-24	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-17	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-25	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-18	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-18	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-09-13	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-18	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-10-12	SEAL	1	Compressor shut-in and locked out for repair. Repair completed 9/15/2017 and re-surveyed 10/12/2017.	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-18	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-28	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-22	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-24	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-24	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-25	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-09-13	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-09-13	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-28	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-08-28	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-09-13	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-09-13	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-10-10	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-01-11	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-12-27	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2017-12-27	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-01-11	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) *	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions	Type of Component Not Repaired as Required in	Number of Each Component Type Not Repaired as	Type of Difficult-to Monitor Components Monitored *	Number of Each Difficult-to Monitor Component Type Monitore	Type of Unsafe-to-Monitor Component Monitored *	Number of Each Unsafe-to-Monitor Component Type Monitore
Noble Energy, Inc.	LD28 GREYSON-BRECKEN T9N-R58W-S28 L01	2018-01-08	2018-01-08 13:33:00	2018-01-08 15:15:00	(b) (6)	56°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD28 GREYSON-BRECKEN T9N-R58W-S28 L01	2018-01-08	2018-01-08 13:33:00	2018-01-08 15:15:00		56°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AE20 ECONODE T6N-R62W-S20 L01	2018-01-09	2018-01-09 14:20:00	2018-01-09 14:21:00		60°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LAPP A13 ECONODE T6N-R64W-S13 L01	2018-01-10	2018-01-10 10:31:00	2018-01-10 11:24:00		35°F	Overcast	3 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	70 RANCH STATE BB17 ECONODE T5N-R63W-S17 L01	2018-02-02	2018-02-02 08:04:00	2018-02-02 09:22:00		9°F	Overcast	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	70 RANCH STATE BB17 ECONODE T5N-R63W-S17 L01	2018-02-02	2018-02-02 08:04:00	2018-02-02 09:22:00		9°F	Overcast	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	4	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	SHADOW AA30 ECONODE T9N-R63W-S30 L01	2018-02-02	2018-02-02 09:54:00	2018-02-02 12:24:00		18°F	Fog	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	3	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	SHADOW AA30 ECONODE T9N-R63W-S30 L01	2018-02-02	2018-02-02 09:54:00	2018-02-02 12:24:00		18°F	Fog	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	JOHNSON T4N-R65W-S12 L01	2018-02-02	2018-02-02 15:05:00	2018-02-02 15:07:00		39°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	BOULTER T4N-R65W-S14 L03	2018-02-02	2018-02-02 15:21:00	2018-02-02 15:22:00		38°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	BOULTER T4N-R65W-S11 L03	2018-02-02	2018-02-02 15:26:00	2018-02-02 15:26:00		38°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LEE BOIKO T4N-R65W-S15 L01	2018-02-02	2018-02-02 15:50:00	2018-02-02 15:52:00		37°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	BOULTER JOHNSON ERICKSON HBR T4N-R64W-S10 L01	2018-02-02	2018-02-02 15:41:00	2018-02-02 15:42:00		36°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - B ECONODE T9N-R59W-S22 L01	2018-02-04	2018-02-04 11:59:00	2018-02-04 14:37:00		15°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH ENVELOPE GA	3	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - B ECONODE T9N-R59W-S22 L01	2018-02-04	2018-02-04 11:59:00	2018-02-04 14:37:00		15°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - PRV	3	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - B ECONODE T9N-R59W-S22 L01	2018-02-04	2018-02-04 11:59:00	2018-02-04 14:37:00		15°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA11 ECONODE T6N-R63W-S11 L01	2018-02-05	2018-02-05 10:21:00	2018-02-05 11:08:00		50°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH STATE A36 ECONODE T6N-R63W-S31 L01	2018-02-05	2018-02-05 11:43:00	2018-02-05 12:52:00		58°F	Partly Cloudy	20 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA21 ECONODE T6N-R63W-S21 L01	2018-02-06	2018-02-06 11:18:00	2018-02-06 12:17:00		26°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	CROW CREEK ST AC36 & AA01 ECONODE T7N-R63W-S36 L01	2018-02-07	2018-02-07 10:20:00	2018-02-07 11:05:00		29°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	AGGIE-COLT AA17 ECONODE T6N-R63W-S17 L01	2018-02-08	2018-02-08 07:49:00	2018-02-08 09:30:00		25°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	9	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	AGGIE-COLT AA17 ECONODE T6N-R63W-S17 L01	2018-02-08	2018-02-08 07:49:00	2018-02-08 09:30:00		25°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	AGGIE-COLT AA17 ECONODE T6N-R63W-S17 L01	2018-02-08	2018-02-08 07:49:00	2018-02-08 09:30:00		25°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA25 & 26 ECONODE T6N-R63W-S25 L01	2018-02-08	2018-02-08 10:04:00	2018-02-08 12:56:00		44°F	Overcast	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH ENVELOPE GA	4	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA25 & 26 ECONODE T6N-R63W-S25 L01	2018-02-08	2018-02-08 10:04:00	2018-02-08 12:56:00		44°F	Overcast	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA25 & 26 ECONODE T6N-R63W-S25 L01	2018-02-08	2018-02-08 10:04:00	2018-02-08 12:56:00		44°F	Overcast	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC34 ECONODE T9N-R59W-S34 L01	2018-02-17	2018-02-17 09:38:00	2018-02-17 10:46:00		44°F	Clear	20 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC25 ECONODE T9N-R59W-S25 L01	2018-02-17	2018-02-17 10:54:00	2018-02-17 11:42:00		47°F	Clear	20 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD19-16 ECONODE T9N-R58W-S19 L01	2018-02-17	2018-02-17 12:21:00	2018-02-17 13:20:00		60°F	Clear	18 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC24-6 ECONODE T9N-R59W-S24 L01	2018-02-17	2018-02-17 13:44:00	2018-02-17 14:55:00		53°F	Clear	18 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AE32 ECONODE T6N-R62W-S32 L01	2018-02-18	2018-02-18 09:57:00	2018-02-18 12:10:00		50°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AE32 ECONODE T6N-R62W-S32 L01	2018-02-18	2018-02-18 09:57:00	2018-02-18 12:10:00		50°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	4	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH BB01 AF05 ECONODE T5N-R63W-S1 L01	2018-02-18	2018-02-18 12:22:00	2018-02-18 13:38:00		69°F	Partly Cloudy	15 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2018-02-21	2018-02-21 08:53:00	2018-02-21 11:02:00		0°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - PRV	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2018-02-21	2018-02-21 08:53:00	2018-02-21 11:02:00		0°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2018-02-21	2018-02-21 08:53:00	2018-02-21 11:02:00		0°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	SEAL	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC11-15 ECONODE T9N-R63W-S11 L01	2018-02-21	2018-02-21 08:53:00	2018-02-21 11:02:00		0°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - TH OTHER	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	ROHN STATE LD04 ECONODE T9N-R58W-S4 L01	2018-02-21	2018-02-21 11:22:00	2018-02-21 13:07:00		16°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LD05 ECONODE T9N-R58W-S4 L01	2018-02-21	2018-02-21 13:08:00	2018-02-21 13:09:00		16°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	HARPER-KONA A21 ECONODE T6N-R64W-S21 L01	2018-03-08	2018-03-08 13:44:00	2018-03-08 15:13:00		63°F	Clear	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA33 ECONODE T6N-R63W-S21 L01	2018-04-05	2018-04-05 13:03:00	2018-04-05 14:35:00		65°F	Overcast	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA33 ECONODE T6N-R63W-S21 L01	2018-04-05	2018-04-05 13:03:00	2018-04-05 14:35:00		65°F	Overcast	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH STATE BB03 ECONODE T5N-R63W-S3 L01	2018-04-05	2018-04-05 14:47:00	2018-04-05 15:15:00		65°F	Overcast	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH/WELLS RANCH STATE AF08 ECONODE T5N-R62W-S8	2018-04-05	2018-04-05 15:47:00	2018-04-05 16:58:00		66°F	Overcast	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH/WELLS RANCH STATE AF08 ECONODE T5N-R62W-S8	2018-04-05	2018-04-05 15:47:00	2018-04-05 16:58:00		66°F	Overcast	7 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH BB11 ECONODE T5N-R63W-S11 L01	2018-05-06	2018-05-06 15:53:00	2018-05-06 15:06:00		64°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH BB11 ECONODE T5N-R63W-S11 L01	2018-05-06	2018-05-06 15:53:00	2018-05-06 15:06:00		64°F	Partly Cloudy	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	KUMMER T8N-R61W-S23 L02	2018-05-10	2018-05-10 11:26:00	2018-05-10 13:55:00		72°F	Clear	8 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	6	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	KUMMER T8N-R61W-S23 L02	2018-05-10	2018-05-10 11:26:00	2018-05-10 13:55:00		72°F	Clear	8 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	CONNECTOR	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	KUMMER T8N-R61W-S23 L02	2018-05-10	2018-05-10 11:26:00	2018-05-10 13:55:00		72°F	Clear	8 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	KUMMER T8N-R61W-S23 L02	2018-05-10	2018-05-10 11:26:00	2018-05-10 13:55:00		72°F	Clear	8 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	LC22 - A ECONODE T9N-R59W-S22 L01	2018-05-12	2018-05-12 14:09:00	2018-05-12 14:39:00		51°F	Overcast	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	PRD - PRV	2	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	WELLS RANCH AA11 ECONODE T6N-R63W-S11 L01	2018-07-11	2018-07-11 08:01:00	2018-07-11 08:35:00		67°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	VALVE	1	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	HARPER-KONA A21 ECONODE T6N-R64W-S21 L01	2018-07-11	2018-07-11 08:58:00	2018-07-11 10:38:00		74°F	Clear	5 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A
Noble Energy, Inc.	HULLABALOO Y16-28-A ECONODE T2N R64W S16 L01	2018-07-12	2018-07-12 10:46:00	2018-07-12 12:37:00		81°F	Partly Cloudy	10 MPH	OGI Camera-GFx320 24 ID# 74900075	NONE	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A

Facility Record No. * **(Select from dropdown list** - *may need to scroll up*)	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420	Number of Each Component Type Placed on Delay of Repair *	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? *	If a monitoring survey was waived, the calendar
Noble Energy, Inc.	2018-01-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-01-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-01-10	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-03-07	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-02	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-02	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-02	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-04	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-04	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-04	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-07	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-03-07	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-03-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-03-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-18	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-18	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-21	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-03-07	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-21	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-02-21	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-03-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-04-05	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-04-05	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-04-05	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-04-05	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-05-06	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-05-06	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-06-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-05-10	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-06-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-06-08	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-05-12	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	2018-07-11	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A
Noble Energy, Inc.	N/A	N/A	0	N/A	OGI Camera-GFx320 24 ID# 74900075	Trained thermographer; completed 40-hour course in Denver, CO. Has 4 years of experience with OGI surveys.	N/A	N/A

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For each pneumatic pump affected facility, an owner or operator must include the information specified in paragraphs (b)(8)(i) through (iii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

					Pneumatic Pumps Previously Reported that have a Change in Reported Condition During the Reporting Period				
Facility Record No. * **(Select from dropdown list - *may need to scroll up*)**	Identification of Each Pump * (§60.5420a(b)(1))	Was the pneumatic pump constructed, modified, or reconstructed during the reporting period? * (§60.5420a(b)(8)(i))	Which condition does the pneumatic pump meet? * (§60.5420a(b)(8)(i))	If your route emissions to a control device and the control device is designed to achieve <95% emissions reduction, specify the percent emissions reduction. * (§60.5420a(b)(8)(i)(C))	Identification of Each Pump * (§60.5420a(b)(8)(ii))	Date Previously Reported* (§60.5420a(b)(8)(ii))	Which condition does the pneumatic pump meet? * (§60.5420a(b)(8)(ii))	If you now route emissions to a control device and the control device is designed to achieve <95% emissions reduction, specify the percent emissions reduction. * (§60.5420a(b)(8)(ii) and §60.5420a(b)(8)(i)(C))	Records of deviations where the pneumatic pump was not operated in compliance with requirements* (§60.5420a(b)(8)(iii) and §60.5420a(c)(16)(ii))
	e.g.: Pump 12-e-2	e.g.: modified	e.g.: Emissions are routed to a control device or process	e.g.: 90%	e.g.: Pump 12-e-2	e.g.: 10/15/17	e.g.: Control device/process removed and technically infeasible to route elsewhere	e.g.: 90%	e.g.: deviation of the CVS inspections

Noble Energy, Inc. **Not applicable. Noble Energy, Inc. did not operate any pneumatic pump affected facilities at its assets in Weld County, CO during the August 2, 2017 through August 2, 2018 reporting period.**